Appendix B Pend Oreille Sub-Basin Cumulative Watershed Effects Summary Reports

POL CWE Summary Report Berry Creek





HUC4 Number	17010214		HUC4 Name	Pend Oreille Lake		
HUC6 Number	0503		HUC6 Name	Berry Creek		
Acres	6087		303(d) Listed	No		
FPA Acres	6002		303(d) Pollutant(s)	N/A		
Evaluation Year	1998		303(d) Comments	N/A		
	Scores			Ratings		
Channel Stability	Index	44	Channel Stability R	Rating	Moderate	
Canopy Removal I	Index	0.16	Hydrologic Risk Ra	uting	Low	
# Segments w/Low	Temp Rating	15 of 20				
# Segments w/Hig	h Temp Rating	5 of 20	Canopy Closure/Te	mperature Rating	High	
Roads Score		46.7	Roads Rating		Moderate	
Skid Trail Score		12	Skid Trail Rating		High	
Mass Failure Scor	re	92.8	Mass Failure Ratin	g	High	
Total Sediment De	elivery Score	151.5	Total Sediment Del	ivery Rating	High	
Nutrient Current (Condition Score	0	Nutrient Current Co	ondition Rating	N/A	
			Nutrient Hazard Ra	iting	Moderate	
			Overall Nutrient Ra	ting	N/A	
			CWE Surface Erosi	ion Hazard Rating	High	
			CWE Mass Failure	Hazard Rating	Low	
			Beneficial Use Cond	dition (BURP)		
		Advei	rse Conditions			
Temperature Adve	rse Condition	Yes	Beneficial Use/Fine Condition	Sediment Adverse	Yes	
Nutrient Adverse C	Condition	N/A	Hydrologic Adverse	Condition	No	
riday, January 29, 199	99					Page 1 of 4

POL CWE Summary Report Caribou Creek





HUC4 Number	17010214		HUC4 Name	Pend Oreille Lake	
HUC6 Number	0504		HUC6 Name	Caribou Creek	
Acres	9173		303(d) Listed	Yes	
FPA Acres	9154		303(d) Pollutant(s)	sediment	
			303(d) Comments	305(b) appendix D	
	Scores			Ratings	
Channel Stability	Index	48	Channel Stability Rating		Moderate
Canopy Removal	Index	0.24	Hydrologic Risk Rd	uting	Low
# Segments w/Lo	w Temp Rating	9 of 13			
# Segments w/Hig	gh Temp Rating	4 of 13	Canopy Closure/Te	emperature Rating	High
Roads Score	oads Score 35.4		Roads Rating		Moderate
Skid Trail Score		6	Skid Trail Rating		Low
Mass Failure Score		54.0	Mass Failure Rating		High
Total Sediment D	Sediment Delivery Score 95.4 Total Sediment Delivery		ivery Rating	Moderate	
Nutrient Current	Condition Score	0	Nutrient Current C	ondition Rating	N/A
			Nutrient Hazard Re	ating	Moderate
			Overall Nutrient Ro	uting	N/A
			CWE Surface Eros	ion Hazard Rating	High
			CWE Mass Failure	Hazard Rating	Low
			Beneficial Use Con	dition (BURP)	
		Adver	se Conditions		
Temperature Adv	erse Condition	Yes	Beneficial Use/Fine Sediment Adverse Condition		Yes
Nutrient Adverse	Condition	N/A	Hydrologic Adverse Condition		No

POL CWE Summary Report Cascade Creek





HUC4 Number	17010213		HUC4 Name Lower Clark Fork	
HUC6 Number	0203		HUC6 Name Cascade Creek	
Acres	3849		303(d) Listed No	
FPA Acres	3554		303(d) Pollutant(s) N/A	
Evaluation Year	1998		303(d) Comments N/A	
	Scores		Ratings	
Channel Stability	Index	53	Channel Stability Rating	Moderate
Canopy Removal	Index	0.16	Hydrologic Risk Rating	Low
# Segments w/Low	Temp Rating	4 of 6		
# Segments w/Hig	h Temp Rating	2 of 6	Canopy Closure/Temperature Rating	High
Roads Score		19.4	Roads Rating	Low
Skid Trail Score		2	Skid Trail Rating	Low
Mass Failure Scor	ee	9.0	Mass Failure Rating	Low
Total Sediment De	livery Score	30.4	Total Sediment Delivery Rating	Low
Nutrient Current (Condition Score	0	Nutrient Current Condition Rating	N/A
			Nutrient Hazard Rating	High
			Overall Nutrient Rating	N/A
			CWE Surface Erosion Hazard Rating	Moderate
			CWE Mass Failure Hazard Rating	High
			Beneficial Use Condition (BURP)	
		Adv	erse Conditions	
Temperature Advei	rse Condition	Yes	Beneficial Use/Fine Sediment Adverse Condition	
Nutrient Adverse C	ondition	N/A	Hydrologic Adverse Condition	No
riday, January 29, 199	9			Page 3 of 44

POL CWE Summary Report Cocolalla Creek





HUC4 Number	17010214		HUC4 Name Pe	end Oreille Lake	
HUC6 Number	1105		HUC6 Name Co	ocolalla Creek	
Acres	17276		<i>303(d) Listed</i> Ye	es	
FPA Acres	14407		303(d) Pollutant(s) sec	diment, thermal modific	cation
			303(d) Comments 309	5(b) appendix D, SSO	C-"p" for CWB
	Scores		R	Ratings	
Channel Stability	Index	50	Channel Stability Rati	ing	Moderate
Canopy Removal	Index	0.24	Hydrologic Risk Ratin	ıg	Low
# Segments w/Lo	w Temp Rating	3 of 8			
# Segments w/Hi	gh Temp Rating	5 of 8	Canopy Closure/Temp	perature Rating	High
Roads Score		17.2	Roads Rating		Low
Skid Trail Score	Skid Trail Score		Skid Trail Rating		Low
Mass Failure Score		9.0	Mass Failure Rating		Low
Total Sediment D	Total Sediment Delivery Score		Total Sediment Delivery Rating		Low
Nutrient Current	Condition Score	35	Nutrient Current Condition Rating		Moderate
			Nutrient Hazard Ratin	ıg	Moderate
			Overall Nutrient Ratin	ıg	Moderate
			CWE Surface Erosion	Hazard Rating	High
			CWE Mass Failure Ho	azard Rating	Low
			Beneficial Use Conditi	ion (BURP)	
······································		Adver	se Conditions		
Temperature Adv	erse Condition	Yes	Beneficial Use/Fine Sediment Adverse Condition		
Nutrient Adverse	Condition	No	Hydrologic Adverse Co	ondition	No

POL CWE Summary Report Colburn Creek





riday, January 29, 199	99				Page 5 of 4
Nutrient Adverse (Condition	N/A	Hydrologic Adverse Condition	No	
Temperature Adve	ure Adverse Condition Y		Beneficial Use/Fine Sediment Adverse Condition	Yes	,
	·	Adv	erse Conditions		
			Beneficial Use Condition (BURP)		
			CWE Mass Failure Hazard Rating	Low	
			CWE Surface Erosion Hazard Rating	High	
			Overall Nutrient Rating	N/A	
			Nutrient Hazard Rating	Moderate	
Nutrient Current (Condition Score	0	Nutrient Current Condition Rating	N/A	
Total Sediment Delivery Score		133.5	Total Sediment Delivery Rating	High	
Mass Failure Scor	re	101.7	Mass Failure Rating	High	
Skid Trail Score		4	Skid Trail Rating	Low	
Roads Score		27.8	Roads Rating	Low	
# Segments w/Hig	h Temp Rating	3 of 3	Canopy Closure/Temperature Rating	High	
# Segments w/Low	v Temp Rating	0 of 3			
Canopy Removal	Index	0.15	Hydrologic Risk Rating	Low	
Channel Stability	Index	67	Channel Stability Rating	High	
	Scores		Ratings		
Evaluation Year	1998		303(d) Comments N/A		
FPA Acres	4453		303(d) Pollutant(s) N/A		
Acres	0403 5517		HUC6 Name Colburn Creek 303(d) Listed No		
HUC4 Number HUC6 Number	17010214		HUC4 Name Pend Oreille Lake		

POL CWE Summary Report Curtis Creek





HUC4 Number	17010214			HUC4 Name	Pend Oreille Lake	
HUC6 Number	1304			HUC6 Name	Curtis Creek	
Acres	11489			303(d) Listed	No	
FPA Acres	10499			303(d) Pollutant(s)	N/A	
Evaluation Year	1998			303(d) Comments	N/A	
	Scores				Ratings	
Channel Stability	Index	44.5		Channel Stability H	Rating	Moderate
Canopy Removal	Index	0.26		Hydrologic Risk Ra	ating	Low
# Segments w/Low	v Temp Rating	9 of	13			
# Segments w/Hig	h Temp Rating	4 of	13	Canopy Closure/Te	emperature Rating	High
Roads Score		18.7		Roads Rating		Low
Skid Trail Score		12		Skid Trail Rating		High
Mass Failure Scor	re	10.1		Mass Failure Ratin	ıg	Low
Total Sediment De	elivery Score	40.8		Total Sediment Del	livery Rating	Low
Nutrient Current (Condition Score	0		Nutrient Current C	Condition Rating	N/A
				Nutrient Hazard Ro	ating	Low
				Overall Nutrient Ra	ating	N/A
				CWE Surface Eros	ion Hazard Rating	Low
				CWE Mass Failure	Hazard Rating	Moderate
				Beneficial Use Con	dition (BURP)	
			Adver	se Conditions		
Temperature Adve	rse Condition	,	Yes	Beneficial Use/Fine Condition	e Sediment Adverse	
	Condition		N/A	Hydrologic Adverse	a	No

POL CWE Summary Report Falls Creek





HUC4 Number	17010214		HUC4 Name	Pend Oreille Lake	
HUC6 Number	0311		HUC6 Name	Falls Creek	
Acres	3065		303(d) Listed	No	
FPA Acres	3034		303(d) Pollutant(s)	N/A	
Evaluation Year	1998		303(d) Comments	N/A	
	Scores			Ratings	
Channel Stability	Index	34	Channel Stability R	ating	Low
Canopy Removal	Index	0.04	Hydrologic Risk Ra	ting	Low
# Segments w/Low	v Temp Rating	9 of 10			
# Segments w/Hig	h Temp Rating	1 of 10	Canopy Closure/Ter	mperature Rating	High
Roads Score		28.5	Roads Rating		Low
Skid Trail Score		2	Skid Trail Rating		Low
Mass Failure Scor	re	9.0	Mass Failure Rating	3	Low
Total Sediment De	elivery Score	39.5	Total Sediment Deli	very Rating	Low
Nutrient Current (Condition Score	29	Nutrient Current Co	ondition Rating	Lów
			Nutrient Hazard Rai	ting	Moderate
			Overall Nutrient Rat	ting	Low
			CWE Surface Erosio	on Hazard Rating	Low
			CWE Mass Failure	Hazard Rating	High
			Beneficial Use Cond	ition (BURP)	
		Adve	erse Conditions		
Temperature Advei	rse Condition	Yes	Beneficial Use/Fine . Condition	Sediment Adverse	
Nutrient Adverse C	Condition	No	Hydrologic Adverse	Condition	No

POL CWE Summary Report Fish Creek





HUC4 Number	17010214		HUC4 Name	Pend Oreille Lake	
HUC6 Number	1106		HUC6 Name	Fish Creek	
Acres	6430		303(d) Listed	Yes	
FPA Acres	6001		303(d) Pollutant(s)	sediment, thermal modifi	ication, pathogens
Evaluation Year	1998		303(d) Comments	305(b) appendix D	
	Scores		Ratings		
Channel Stability	Index	63	Channel Stability Rating		High
Canopy Removal	Index	0.34	Hydrologic Risk Rating		Moderate
# Segments w/Low	Temp Rating	3 of 7			
# Segments w/Hig	h Temp Rating	4 of 7	Canopy Closure/Te	mperature Rating	High
Roads Score		21.0	Roads Rating		Low
Skid Trail Score		4	Skid Trail Rating		Low
Mass Failure Scor	e	9.0	Mass Failure Rating		Low
Total Sediment De	livery Score	34.0	Total Sediment Delivery Rating		Low
Nutrient Current (Condition Score	36	Nutrient Current Co	ondition Rating	Moderate
			Nutrient Hazard Ra	ating	Moderate
			Overall Nutrient Ra	ting	Moderate
			CWE Surface Erosi	on Hazard Rating	High
			CWE Mass Failure	Hazard Rating	Low
			Beneficial Use Cone	dition (BURP)	
		Adver	se Conditions		
Temperature Adver	rse Condition	Yes	Beneficial Use/Fine Sediment Adverse Condition		
Nutrient Adverse C	Condition	No	Hydrologic Adverse Condition		No

POL CWE Summary Report Gold Creek





HUC4 Number	17010214		HUC4 Name Pend Oreille Lake	
HUC6 Number	1003		HUC6 Name Gold Creek	
Acres	6626		303(d) Listed Yes	
FPA Acres	6587		303(d) Pollutant(s) sediment, habitat alterat	ion
Evaluation Year	1998		303(d) Comments SSOC-"s/t" for CWB and	d SS
	Scores		Ratings	
Channel Stability	Index	53.5	Channel Stability Rating	Moderate
Canopy Removal	Index	0.29	Hydrologic Risk Rating	Moderate
# Segments w/Lov	v Temp Rating	6 of 9		
# Segments w/Hig	h Temp Rating	3 of 9	Canopy Closure/Temperature Rating	High
Roads Score		22.8	Roads Rating	Low
Skid Trail Score	kid Trail Score		Skid Trail Rating	Low
Mass Failure Score		12.5	Mass Failure Rating	Low
Total Sediment D	elivery Score	37.4	Total Sediment Delivery Rating	Low
Nutrient Current	Condition Score	25	Nutrient Current Condition Rating	Low
			Nutrient Hazard Rating	High
			Overall Nutrient Rating	Moderate
			CWE Surface Erosion Hazard Rating	Low
			CWE Mass Failure Hazard Rating	High
			Beneficial Use Condition (BURP)	
-		Adve	rse Conditions	
Temperature Adve	erse Condition	Yes	Beneficial Use/Fine Sediment Adverse Condition	
Nutrient Adverse (Condition	No	Hydrologic Adverse Condition	No

POL CWE Summary Report Gold Creek (Pack River)





Temperature Adve Nutrient Adverse (Yes N/A	Beneficial Use/Fine Sediment Adverse Condition Hydrologic Adverse Condition		
T 4.1	<i>a</i>		se Conditions		
			Beneficial Use Cond	lition (BURP)	
			CWE Mass Failure	Hazard Rating	High
	•		CWE Surface Erosi	on Hazard Rating	High
			Overall Nutrient Ra	ting	N/A
			Nutrient Hazard Ra	ting	Moderate
Nutrient Current (Condition Score	0	Nutrient Current Condition Rating		N/A
Total Sediment Delivery Score		29.3	Total Sediment Delivery Rating		Low
Mass Failure Score		9.0	Mass Failure Rating		Low
Skid Trail Score		2	Skid Trail Rating		Low
Roads Score		18.3	Roads Rating		Low
# Segments w/Hig	h Temp Rating	9 of 11	Canopy Closure/Te	mperature Rating	High
# Segments w/Lov	v Temp Rating	2 of 11			
Canopy Removal	Index	0.07	Hydrologic Risk Ra	ating	Low
Channel Stability	Index	60.5	Channel Stability R	Rating	High
	Scores	***************************************		Ratings	
Evaluation Year	1998		303(d) Comments	N/A	
FPA Acres	6503		303(d) Pollutant(s)	N/A	
Acres	7472		303(d) Listed	No	
HUC4 Number HUC6 Number	17010214 0506		HUC4 Name HUC6 Name	Pend Oreille Lake Gold Creek (Pack River)	